

REMARKS

INTRODUCTION

In accordance with the foregoing, claims 1 and 13 have been amended. No new matter has been submitted.

Claims 1-14 are pending and under consideration.

OBJECTION TO DRAWINGS

The Office Action has objected to the drawings for failing to disclose the claimed demultiplexing/multiplexing.

Though it is respectfully submitted that FIG. 2, and corresponding discussion, in the present application clearly support this claimed feature, Applicant has amended the preamble of claims 1 and 13 to clarify that recited demultiplexing/multiplexing is not a particular element of the independent claims. It is noted that the independent claims are not restricted from covering the same.

As noted in the rejections under 35 USC § 112, the Office Action has taken the interpretation that the demultiplexing/multiplexing are "intended use" statements.

Accordingly, as intended use statements, the same features are not essential elements of the claims, and therefore not required to be disclosed in the drawings. As noted above, claims 1 and 13 have been further amended to maintain the examiner's intended use/non-essential aspect of these features.

Withdrawal of this objection is respectfully traversed.

REJECTION UNDER 35 USC 112

Claims 1-14 stand rejected under 35 USC 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements, regarding the aforesaid demultiplexing/multiplexing feature.

As this feature has been interpreted as being an "intended use" feature, it is respectfully submitted that the same is not required have structural cooperative relationships with the remaining elements of the claims.

As noted above, the independent claims have been amended to further emphasize the Examiner's interpretation of this intended use aspect.

Withdrawal of this rejection is respectfully requested.

CONCLUSION

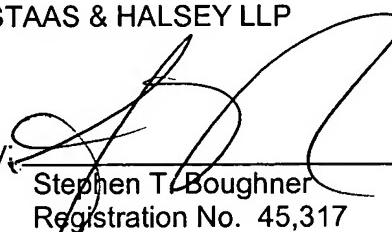
There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

By: 
Stephen T. Boughner
Registration No. 45,317

Date: December 16, 2005

1201 New York Avenue, NW, Suite 700
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501